

Robotic Variable Interference Filter Imaging Spectrometer (R-VIFIS), Phase I

Completed Technology Project (2016 - 2016)



Organizations Performing Work	Role	Type	Location
NextGen Imaging Technologies, Inc	Lead Organization	Industry	Windham, New Hampshire
Ames Research Center(ARC)	Supporting Organization	NASA Center	Moffett Field, California

Primary U.S. Work Locations

California

New Hampshire

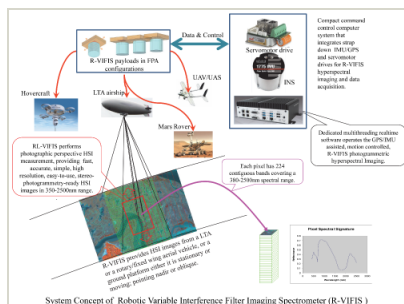
Project Transitions

**June 2016:** Project Start**December 2016:** Closed out

Closeout Documentation:

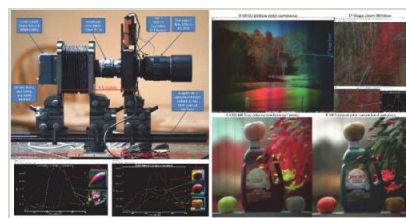
- Final Summary Chart(<https://techport.nasa.gov/file/139594>)

Images



Briefing Chart Image

Robotic Variable Interference Filter Imaging Spectrometer (R-VIFIS), Phase I
(<https://techport.nasa.gov/image/131769>)



Final Summary Chart Image

Robotic Variable Interference Filter Imaging Spectrometer (R-VIFIS), Phase I Project Image
(<https://techport.nasa.gov/image/132427>)

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Organization:

NextGen Imaging Technologies, Inc

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

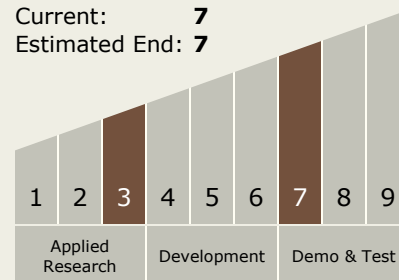
Xiuhong Sun

Technology Maturity (TRL)

Start: **3**

Current: **7**

Estimated End: **7**



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Technology Areas

Primary:

- TX08 Sensors and Instruments
 - └ TX08.3 In-Situ Instruments and Sensors
 - └ TX08.3.1 Field and Particle Detectors

Target Destinations

The Sun, Earth, The Moon, Mars, Others Inside the Solar System, Outside the Solar System